



US Army Corps
of Engineers
Seattle District

Public Notice of Application for Permit

Regulatory Branch
Post Office Box 3755
Seattle, Washington 98124-3755
Telephone (206) 764-3495
ATTN: Suzanne Skadowski, Project Manager

Public Notice Date: January 03, 2006
Expiration Date: February 03, 2006
Reference: 200501127
Name: Wards Cove Packing Company

Interested parties are hereby notified that an application has been received for a Department of the Army permit in accordance with Section 404 of the Clean Water Act and Section 10 of the 1899 Rivers and Harbors Act, for certain work described below and shown on the enclosed drawings.

APPLICANT: Wards Cove Packing Company
Post Office Box 5030
Seattle Washington 98105-0030
ATTN: William Weisfield Telephone: (206) 323-3200

AGENT: Layton & Sell, Inc.
12515 Willows Road Northeast, Suite 205
Kirkland Washington 98034-8795
ATTN: Jeffrey Layton Telephone: (425) 825-1735

LOCATION: In Lake Union, at 88 East Hamlin Street, at Seattle, Washington

WORK: Demolish all or part of the existing timber wharf, piers, over-water buildings, and upland buildings. Construct a new 9,010 square-foot marina and a new 16,657 square-foot, twelve-unit floating home facility.

MITIGATION: The project shoreline will be enhanced with fish mix gravels and native plants.

PURPOSE: The purpose of the proposed work is to provide private boat moorage for watercraft and private moorage for floating homes.

ENDANGERED SPECIES: Section 7 of the Endangered Species Act requires federal agencies to consult with the National Marine Fisheries Service (NMFS) and U.S. Fish and Wildlife Service on all actions that may affect a listed threatened or endangered species or any designated critical habitat. The Puget Sound Chinook (*Oncorhynchus tshawytscha*), coastal-Puget Sound bull trout (*Salvelinus confluentus*), and bald eagle (*Haliaeetus leucocephalus*), listed threatened in Washington state, occur in the project area. For Chinook and bull trout, critical habitat has been designated. After receipt of comments from this public notice, the U.S. Army Corps of Engineers (Corps) will evaluate the potential impacts to these species.

ESSENTIAL FISH HABITAT: The Magnuson-Stevens Fishery Conservation and Management Act, as amended by the Sustainable Fisheries Act of 1996, requires Federal agencies to consult with the NMFS on all actions undertaken by the agency that may adversely affect Essential Fish Habitat (EFH). The proposed project would impact EFH for Pacific salmon. If the Corps determines that the proposed action may adversely affect EFH, the Corps will initiate consultation with the NMFS.

CULTURAL RESOURCES: The District Engineer has reviewed the latest published version of the National Register of Historic Places, lists of properties determined eligible and other sources of information. There are

no recorded historic properties within the permit area. The permit area has been so extensively modified by modern development that little likelihood exists for the proposed project to impinge upon an undisturbed historic property. The District Engineer invites responses to this public notice from Native American Nations or tribal governments; Federal, State, and local agencies; historical and archeological societies; and other parties likely to have knowledge of or concerns with historic properties in the area. This public notice initiates consultation under Section 106 of the National Historic Preservation Act (36 CFR 800.4[a][3]), with any Tribe that has information or concerns with historic properties in the proposed permit area.

EVALUATION: The decision whether to issue a permit will be based on an evaluation of the probable impacts, including cumulative impacts, of the proposed activity on the public interest. That decision will reflect the national concern for both protection and utilization of important resources. The benefits, which reasonably may be expected to accrue from the proposal, must be balanced against its reasonably foreseeable detriments. All factors which may be relevant to the proposal will be considered, including the cumulative effects thereof; among those are conservation, economics, general environmental concerns, historic properties, fish and wildlife values, navigation, shoreline erosion and accretion, water quality, energy needs, safety, considerations of property ownership, and, in general, the needs and welfare of the people.

The U.S. Army Corps of Engineers is soliciting comments from the public; Native American Nations or tribal governments; Federal, State, and local agencies and officials; and other interested parties in order to consider and evaluate the impacts of this activity. Any comments received will be considered by the Corps to determine whether to issue, modify, condition or deny a permit for the work. To make this decision, comments are used to assess impacts the other public interest factors listed above. Comments are used in the preparation of an Environmental Assessment and/or an Environmental Impact Statement pursuant to the National Environmental Policy Act. Comments are also used to determine the need for a public hearing and to determine the overall public interest of the activity.

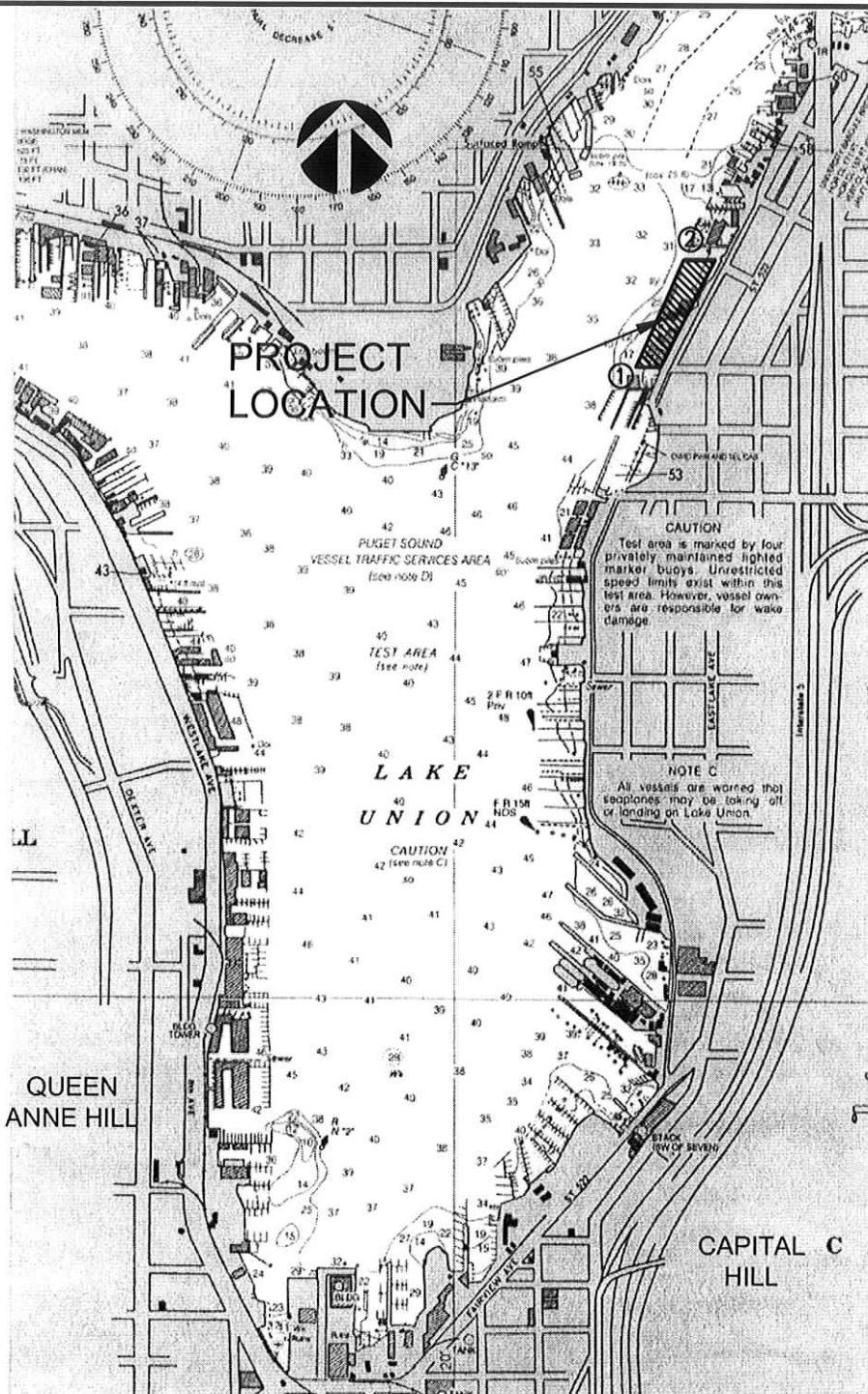
The proposed discharge will be evaluated for compliance with guidelines promulgated by the Environmental Protection Agency under authority of Section 404(b)(1) of the Clean Water Act. These guidelines require an alternatives analysis for any proposed discharge of dredged or fill material into waters of the United States.

ADDITIONAL EVALUATION: The State of Washington Department of Ecology is reviewing this work for consistency with the approved Washington Coastal Zone Management Program and for compliance with the applicable State and Federal water quality standards pursuant to Section 401 of the Clean Water Act.

This proposal is the subject of a City of Seattle Shorelines Development Permit application number 3003444.

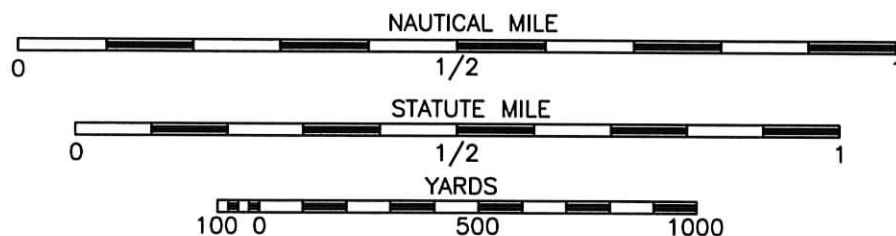
COMMENT AND REVIEW PERIOD: Conventional mail or e-mail comments on this public notice will be accepted and made part of the record and will be considered in determining whether it would be in the public interest to authorize this proposal. In order to be accepted, e-mail comments must originate from the author's e-mail account and include in the subject line the permit applicant's name and reference number as shown above. E-mail comments should be sent to: Kathleen.S.Kunz@usace.army.mil. Conventional mail comments should be sent to: U.S. Army Corps of Engineers, Regulatory Branch, Post Office Box 3755, Seattle, Washington 98124-3755. All comments must include the permit applicant's name and reference number shown below, and the commentor's name, address, and phone number. All comments must reach this office, no later than the expiration date of this public notice to ensure consideration.

Encl
Drawings (21)



SOURCE: NOAA CHART NO. 18447

VICINITY MAP



PURPOSE: PROPOSED MARINA RECONFIGURATION

DATUM: CORPS OF ENGINEERS: (1919)

HIGH LAKE LEVEL=ELEV 21.8'
LOW LAKE LEVEL=ELEV 20.0'

*ORDINARY HIGH WATER MARK
= HIGH LAKE LEVEL

SITE LOCATION: 122° 20' 24" LONGITUDE
47° 39' 11" LATITUDE

SITE ADDRESS: 88 EAST HAMLIN STREET
SEATTLE, WA. 98105
KING COUNTY



ADJACENT PROPERTY OWNERS:

- ① VIRGY LOU WOODS
- ② PADRA HENDERSON

200501127

PROPOSED WATERFRONT
IMPROVEMENTS
IN: LAKE UNION
AT: SEATTLE
COUNTY: KING
STATE: WASHINGTON
APPL. BY: WARDS COVE PACKING CO.
SHEET: 1 OF 21 DATE: 9/19/2005
REV: 11/14/2005

LEGEND

-  EXISTING OVERWATER COVERAGE
-  EXISTING ROCK RIPRAP COVERAGE FROM ELEVATION 21.8' TO BULKHEAD

EXISTING OVERWATER COVERAGE AREAS*

WHARF	11,595 SF
PIERS & BUILDING	15,749 SF
BOAT SHED	6,744 SF
TOTAL	34,088 SF

* DOES NOT INCLUDE AREA OF EX STRUCTURES LOCATED OVER EXPOSED ROCK RIPRAP

LAKE UNION

SEATTLE CONSTRUCTION LIMIT LINE
ORD #92887

WATERWAY 11

FAIRVIEW AVE. E.

EASTLAKE AVE. E.

EXISTING SITE PLAN



200501127

PROPOSED WATERFRONT IMPROVEMENTS
IN: LAKE UNION
AT: SEATTLE
COUNTY: KING
STATE: WASHINGTON
APPL. BY: WARDS COVE PACKING CO.
SHEET: 2 OF 21 DATE: 9/19/2005
REV: 11/14/2005

HAMLIN ST

LEGEND

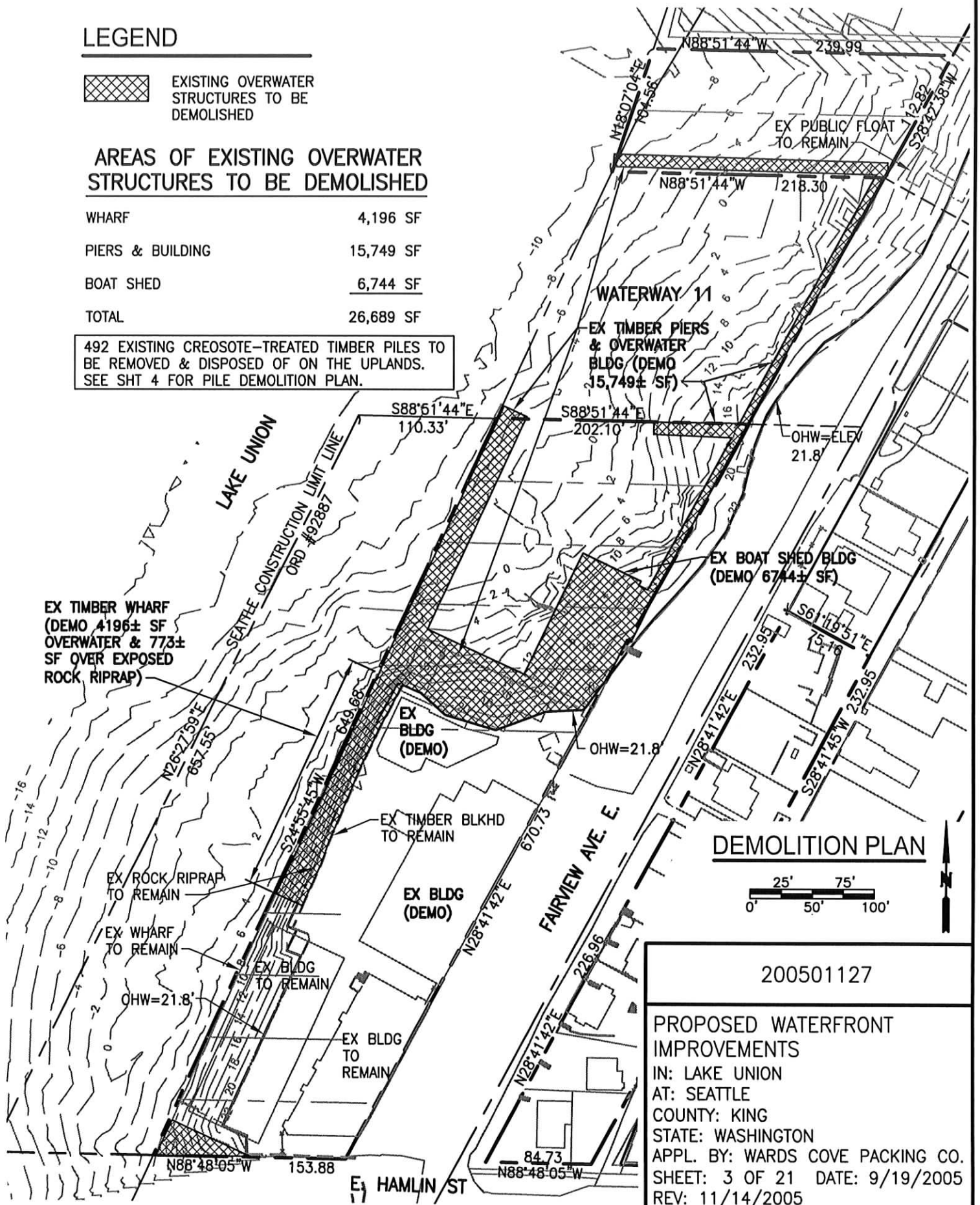


EXISTING OVERWATER
STRUCTURES TO BE
DEMOLISHED

AREAS OF EXISTING OVERWATER STRUCTURES TO BE DEMOLISHED

WHARF	4,196 SF
PIERS & BUILDING	15,749 SF
BOAT SHED	6,744 SF
TOTAL	26,689 SF

492 EXISTING CREOSOTE-TREATED TIMBER PILES TO
BE REMOVED & DISPOSED OF ON THE UPLANDS.
SEE SHT 4 FOR PILE DEMOLITION PLAN.



DEMOLITION PLAN



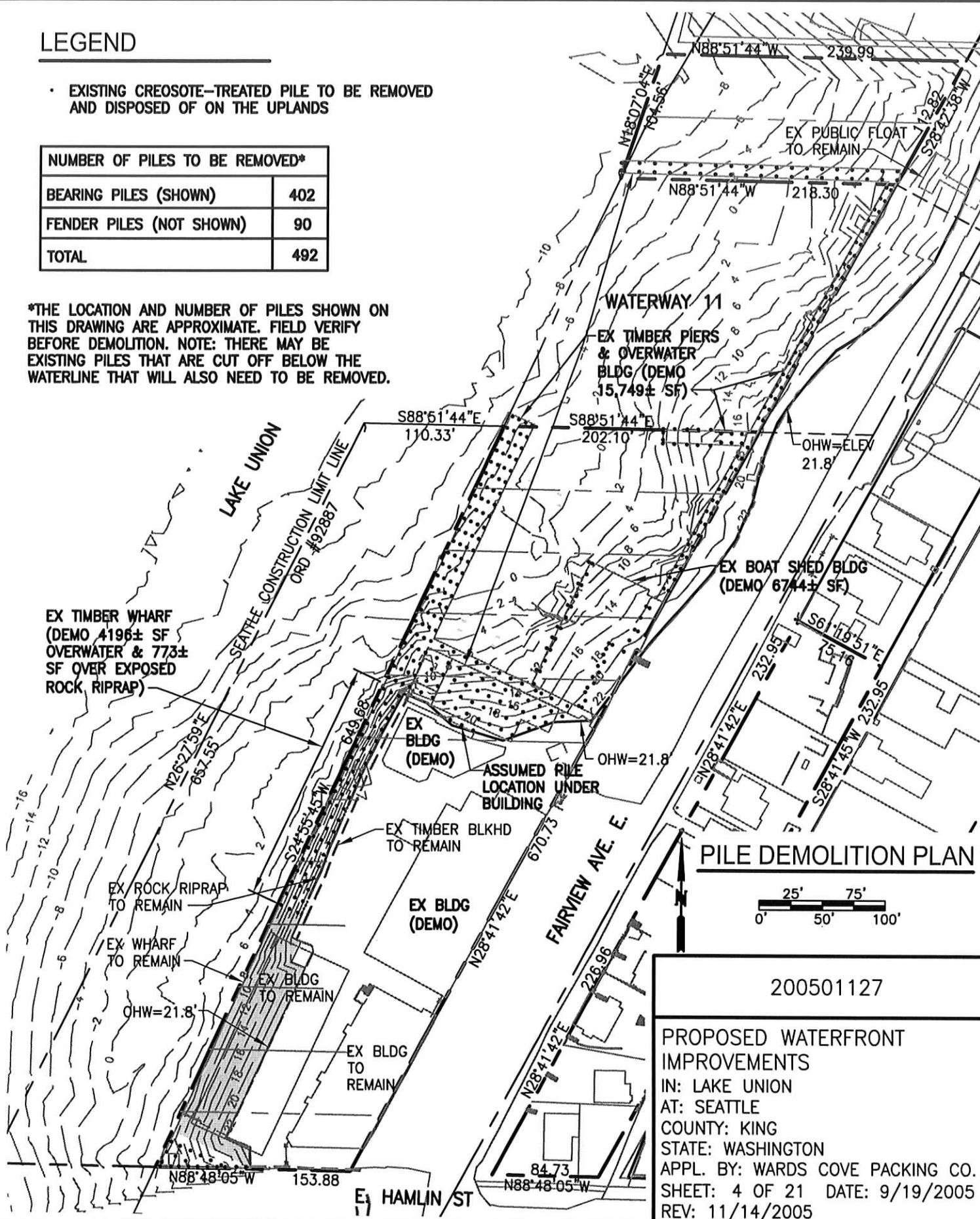
200501127

PROPOSED WATERFRONT
IMPROVEMENTS
IN: LAKE UNION
AT: SEATTLE
COUNTY: KING
STATE: WASHINGTON
APPL. BY: WARDS COVE PACKING CO.
SHEET: 3 OF 21 DATE: 9/19/2005
REV: 11/14/2005

- EXISTING CREOSOTE-TREATED PILE TO BE REMOVED AND DISPOSED OF ON THE UPLANDS

NUMBER OF PILES TO BE REMOVED*	
BEARING PILES (SHOWN)	402
FENDER PILES (NOT SHOWN)	90
TOTAL	492

*THE LOCATION AND NUMBER OF PILES SHOWN ON THIS DRAWING ARE APPROXIMATE. FIELD VERIFY BEFORE DEMOLITION. NOTE: THERE MAY BE EXISTING PILES THAT ARE CUT OFF BELOW THE WATERLINE THAT WILL ALSO NEED TO BE REMOVED.



LEGEND



PROPOSED NEW
OVERWATER IMPROVEMENTS



EXISTING OVERWATER
STRUCTURES TO REMAIN

PROPOSED STEEL PILES (69± TOTAL)

SEE SHEET 9 FOR SUMMARY OF
CHANGES TO OVERWATER COVERAGE

PROPOSED FLOATING HOME,
TYP (TOTAL OVERWATER
AREA=14,400 SF)

WATERWAY 11

PROPOSED FLOAT, TYP
(TOTAL OVERWATER
AREA=2,257± SF)

CONSTRUCTION
LIMIT LINE, TYP

PROPOSED 6'x30'
GANGWAY (2 TOTAL,
COMBINED OVERWATER
AREA=300± SF)

PROPOSED GUIDE
PILE, TYP

PROPOSED FLOATS, TYP
(TOTAL OVERWATER
AREA=8,584± SF)

PROPOSED
GUIDE PILE, TYP

PROPOSED SLIP
OUTLINE, TYP

OHW=ELEV 21.8

PROPOSED 4'x8'
PLATFORM, TOTAL
OVERWATER
AREA=32± SF

PROPOSED
ENTRY GATE

EX TIMBER BLKHD
TO REMAIN

PROPOSED 6'x80'
GANGWAY (TOTAL
OVERWATER
AREA=426± SF)

PROPOSED
ENTRY GATE

EX BLDG

EX BLDG

OHW=ELEV 21.8'

EX WHARF TO
REMAIN (TOTAL
OVERWATER
AREA=7399± SF)

FAIRVIEW AVE. E.
HAMLIN ST

GENERAL SITE PLAN

25' 75' 100'
0' 50'

200501127

PROPOSED WATERFRONT IMPROVEMENTS

IN: LAKE UNION
AT: SEATTLE
COUNTY: KING
STATE: WASHINGTON
APPL. BY: WARDS COVE PACKING CO.
SHEET: 5 OF 21 DATE: 9/19/2005
REV: 11/14/2005

PROPOSED MARINA OVERWATER
GRATING AREAS

GANGWAY GRATING	426 SF
FLOAT GRATING	1,327 SF
TOTAL	1,753 SF

SEE SHEET 9 FOR SUMMARY OF
CHANGES TO OVERWATER COVERAGE

SEE SHEET 11 FOR
SECTIONS AA AND BB

PROPOSED LIGHT
PERMEABLE GRATING WITH
60% MIN OPENING, TYP
(SEE SHEET 9 FOR DETAILS)

PROPOSED STEEL
GUIDE PILE, TYP

PROPOSED SLIP
OUTLINE, TYP

PROPOSED FLOATS, TYP (TOTAL
OVERWATER AREA=8,584± SF)

PROPOSED STEEL
GUIDE PILE, TYP
(24 TOTAL)

PROPOSED
SLIP NUMBER

CONSTRUCTION
LIMIT LINE, TYP

PROPOSED FLOATING
HOMES (SEE SHEET
7 FOR DETAILS)

PROPOSED
ENTRY GATE

OHW=ELEV 21.8'

PROPOSED 6'x80' FULLY
GRATED GANGWAY (TOTAL
OVERWATER AREA=426± SF)

PROPOSED ENTRY GATE

EX BLDG
TO REMAIN

EX WHARF TO REMAIN (TOTAL
OVERWATER AREA=7,399± SF)

SITE PLAN
(SOUTH)

0' 20' 40' 60'

OHW=ELEV 2

200501127

PROPOSED WATERFRONT
IMPROVEMENTS

IN: LAKE UNION
AT: SEATTLE
COUNTY: KING
STATE: WASHINGTON
APPL. BY: WARDS COVE PACKING CO.
SHEET: 6 OF 21 DATE: 9/19/2005
REV: 11/14/2005

PROPOSED FLOATING HOME
OVERWATER GRATING AREAS

GANGWAY/RAMP GRATING	300 SF
FLOAT GRATING	266 SF
FLOATING HOME ACCESS RAMP GRATING	80 SF
TOTAL	646 SF

SEE SHEET 8 FOR FLOATING HOME
DETAILED SITE PLAN.
SEE SHEET 9 FOR SUMMARY OF
CHANGES TO OVERWATER COVERAGE.
SEE SHEETS 11-16 FOR SECTIONS
A-A TO I-I

PROPOSED FLOATING HOME, TYP
(1,200 SF MAX PER HOME, TOTAL
OVERWATER AREA=14,400 SF)

CONSTRUCTION
LIMIT LINE, TYP

FLOATING
HOME ACCESS
RAMP, TYP

PROPOSED LIGHT PERMEABLE
GRATING WITH 60% MIN OPENING,
TYP (SEE SHEET 10 FOR DETAILS)

PROPOSED STEEL
GUIDE PILE, TYP
(43 TOTAL)

PROPOSED FLOAT, TYP
(TOTAL OVERWATER
AREA=2,257± SF)

PROPOSED FLOATING
HOME UNIT NO.

OHW=ELEV
21.8'

SITE PLAN
(NORTH)

0' 25' 50'

200501127

PROPOSED WATERFRONT
IMPROVEMENTS

IN: LAKE UNION
AT: SEATTLE
COUNTY: KING
STATE: WASHINGTON
APPL. BY: WARDS COVE PACKING CO.
SHEET: 7 OF 21 DATE: 9/19/2005
REV: 11/14/2005

PROPOSED 4'x8'
PLATFORM SUPPORTED
BY 2 STEEL PILES
(TOTAL OVERWATER
AREA=32± SF)

PROPOSED
ENTRY GATE

PROPOSED 6'x30' GRATED RAMP
& GANGWAY (2 TOTAL, COMBINED
OVERWATER AREA=300± SF)

*VERIFY WATER DEPTH FOR NEARSHORE
INSTALLATION OF UNITS 1, 2, 5, AND 12

LEGEND:



PORTION OF FLOATING HOME HULL
THAT WILL NEED TO BE MODIFIED IN
ORDER TO MAINTAIN 5' CLEARANCE
AT HIGH WATER LEVEL

SEE SHEETS 11-16 FOR
SECTIONS A-A TO I-I

NOTE: EACH FLOATING HOME WILL BE INDIVIDUALLY
DESIGNED AND CONSTRUCTED. THE FOOTPRINTS OF
THE HOMES SHOWN ARE CONCEPTUAL. THE ACTUAL
FOOTPRINTS MAY VARY FROM WHAT IS SHOWN, BUT
WILL NOT EXCEED 1,200 SQUARE FEET AREA PER UNIT.

5.8' CONTOUR (FOR 11' DEEP
BASEMENT WITH 5' CLEARANCE
AT HIGH WATER LEVEL)

FLOATING HOME
ACCESS RAMP, TYP

PROPOSED STEEL
GUIDE PILE, TYP
(43 TOTAL)

PROPOSED FLOATING
HOME UNIT NO.

FLOATING
HOME DETAILED
SITE PLAN

0' 20' 40'

200501127

PROPOSED WATERFRONT
IMPROVEMENTS
IN: LAKE UNION
AT: SEATTLE
COUNTY: KING
STATE: WASHINGTON
APPL. BY: WARDS COVE PACKING CO.
SHEET: 8 OF 21 DATE: 9/19/2005
REV: 11/14/2005

NOTE: FIELD VERIFY WATER DEPTH
AT EACH HOME SITE PRIOR TO
DETAILED DESIGN OF HOME TO
VERIFY BASEMENT/HULL DRAFT

PROPOSED STEEL
BEARING PILES
(2 TOTAL)

OHW=ELEV 21.8'

PROPOSED ENTRY
GATE

5.8' CONTOUR

LAKE UNION

WARDS COVE WATERFRONT IMPROVEMENTS

SUMMARY OF CHANGES TO OVERWATER COVERAGE:

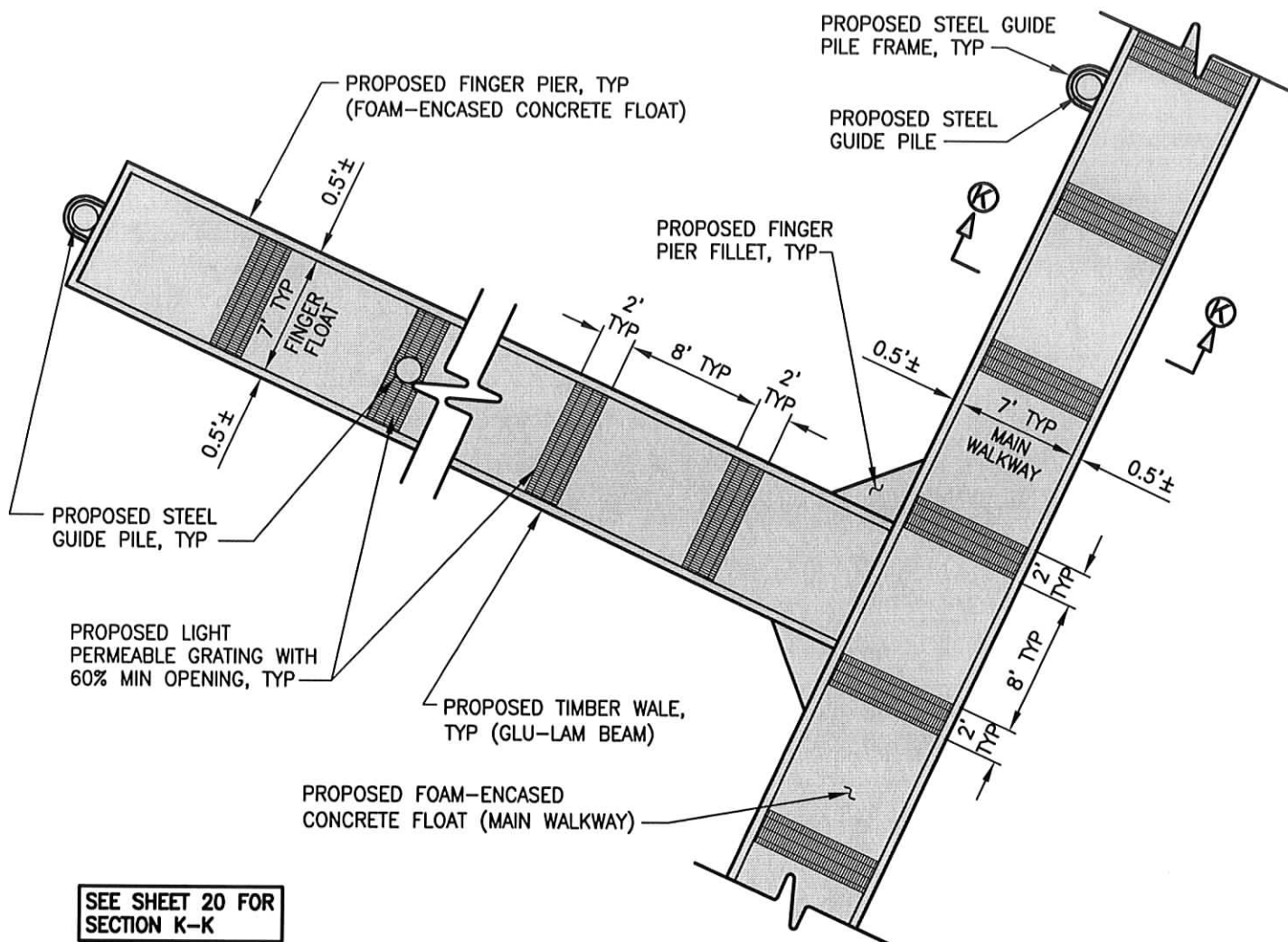
<u>STRUCTURE</u>	<u>EXISTING</u> (SQUARE FEET)	<u>PROPOSED</u> (SQUARE FEET)
WHARF	11,595	7,399
FIXED PIERS & OVERWATER BLDGS	15,749	32
BOAT SHED	6,744	0
MARINA FLOATS	0	8,584
MARINA GANGWAY	0	426
FLOATING PIER FOR FLOATING HOMES*	0	2,337
FLOATING HOME SHORE ACCESS	0	300
FLOATING HOMES	0	14,400
SUBTOTAL	34,088	33,478
<u>ADJUSTMENTS FOR GRATING:</u>		
MARINA FLOATS	0	-1327
MARINA GANGWAYS	0	-426
FLOATING HOME WALKWAY FLOATS	0	-266
FLOATING HOME GANGWAY SYSTEM	0	-300
FLOATING HOME ACCESS RAMPS	0	-80
SUBTOTAL	0	-2,399
ADJUST FOR 60% LIGHT TRANSMISSION	0	-1,439
TOTAL	34,088	32,039

NET REDUCTION IN OVERWATER COVERAGE: 2,049 SQUARE FEET

*INCLUDES INDIVIDUAL GRATED
ACCESS RAMPS TO FLOATING HOMES

200501127

PROPOSED WATERFRONT
IMPROVEMENTS
IN: LAKE UNION
AT: SEATTLE
COUNTY: KING
STATE: WASHINGTON
APPL. BY: WARDS COVE PACKING CO.
SHEET: 9 OF 21 DATE: 9/19/2005
REV: 11/14/2005

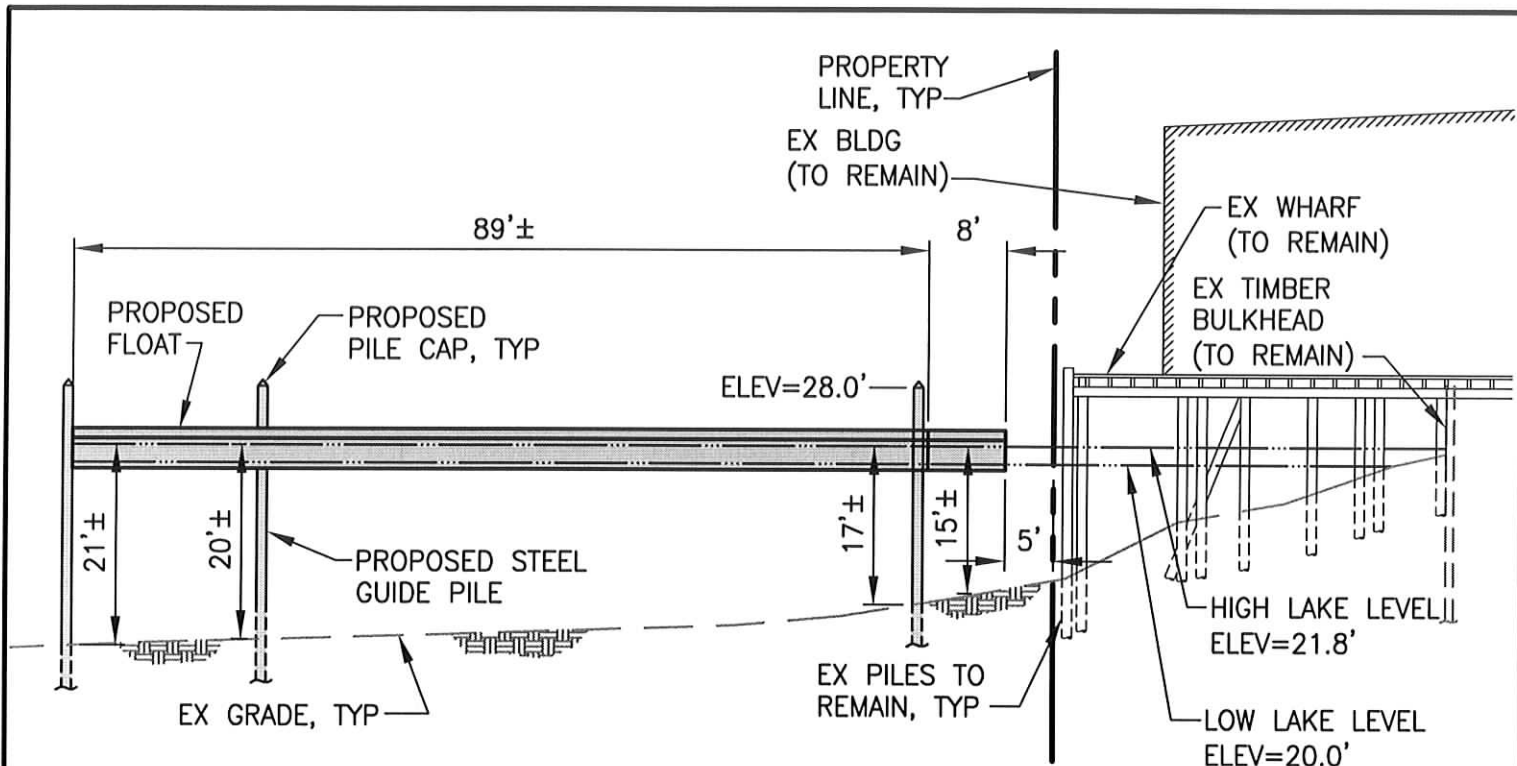


TYPICAL FLOAT GRATING DETAIL PLAN

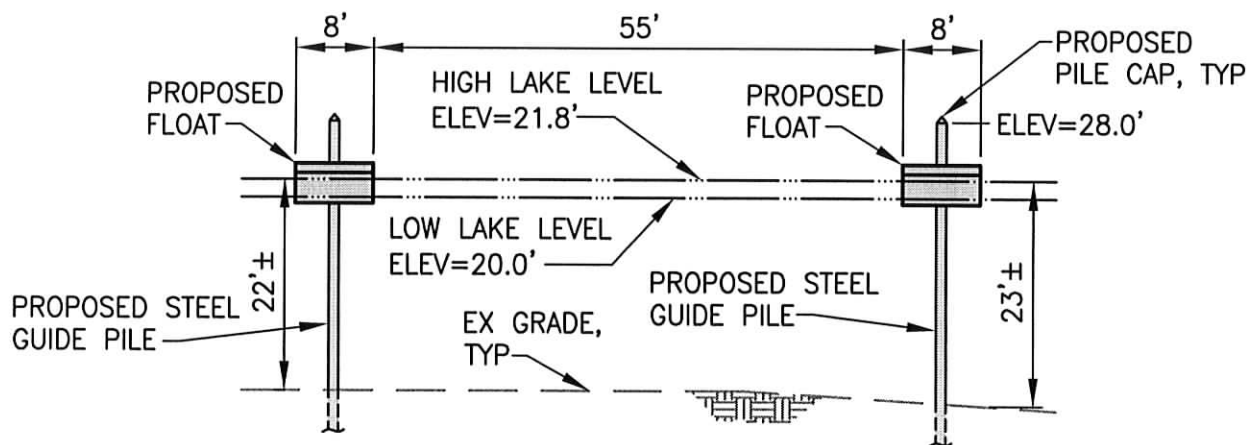
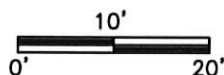


200501127

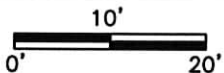
PROPOSED WATERFRONT
IMPROVEMENTS
IN: LAKE UNION
AT: SEATTLE
COUNTY: KING
STATE: WASHINGTON
APPL. BY: WARDS COVE PACKING CO.
SHEET: 10 OF 21 DATE: 9/19/2005
REV: 11/14/2005



SECTION A-A

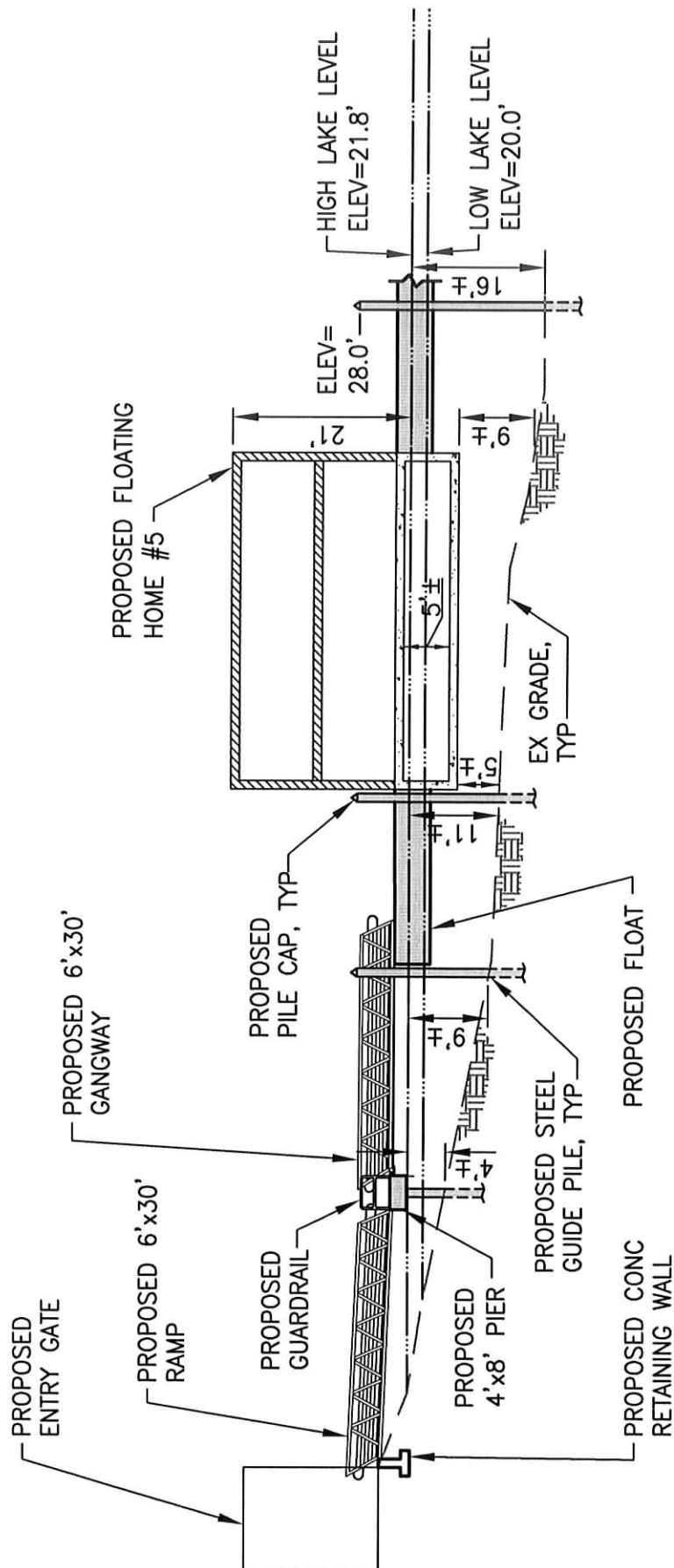


SECTION B-B



200501127

PROPOSED WATERFRONT
IMPROVEMENTS
IN: LAKE UNION
AT: SEATTLE
COUNTY: KING
STATE: WASHINGTON
APPL. BY: WARDS COVE PACKING CO.
SHEET: 11 OF 21 DATE: 9/19/2005
REV: 11/14/2005

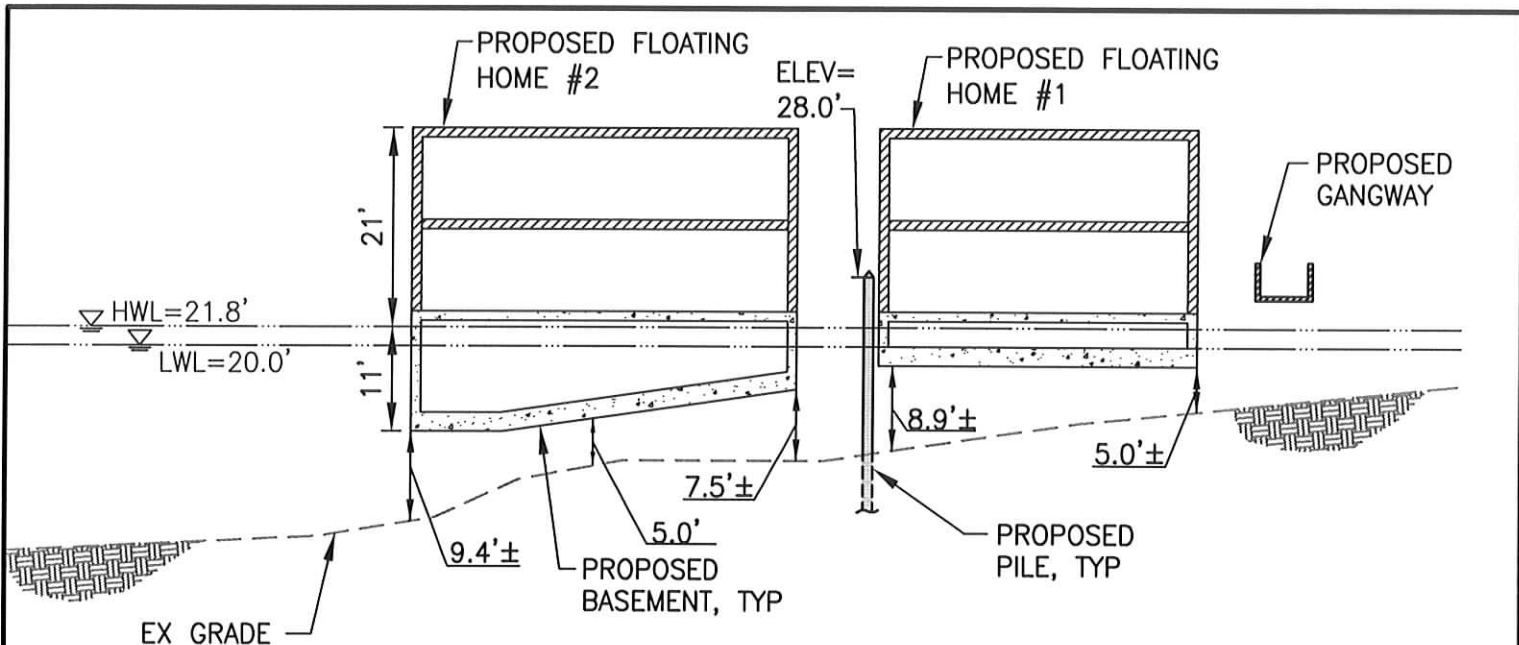


SECTION C-C

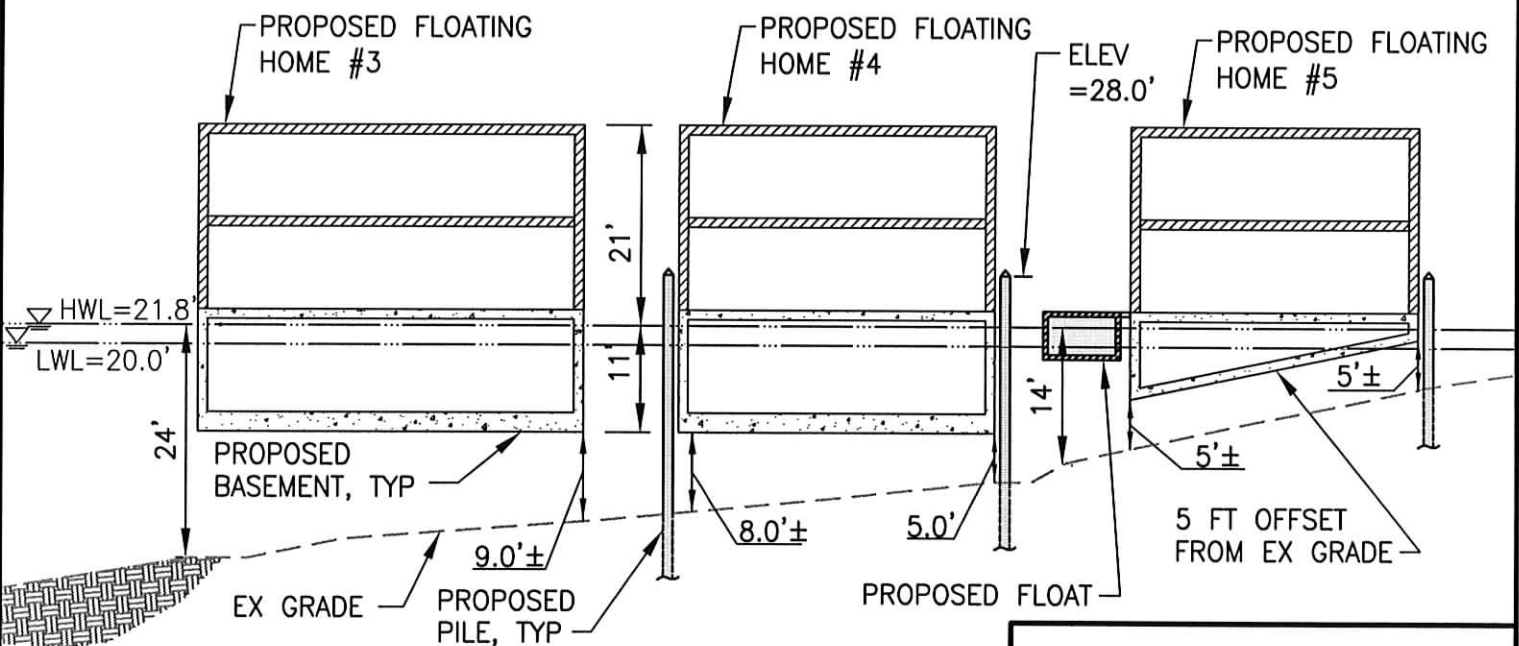
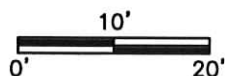


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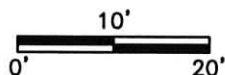
PROPOSED WATERFRONT
IMPROVEMENTS
IN: LAKE UNION
AT: SEATTLE
COUNTY: KING
STATE: WASHINGTON
APPL. BY: WARDS COVE PACKING CO.
SHEET: 12 OF 21 DATE: 9/19/2005
REV: 11/14/2005



SECTION D-D

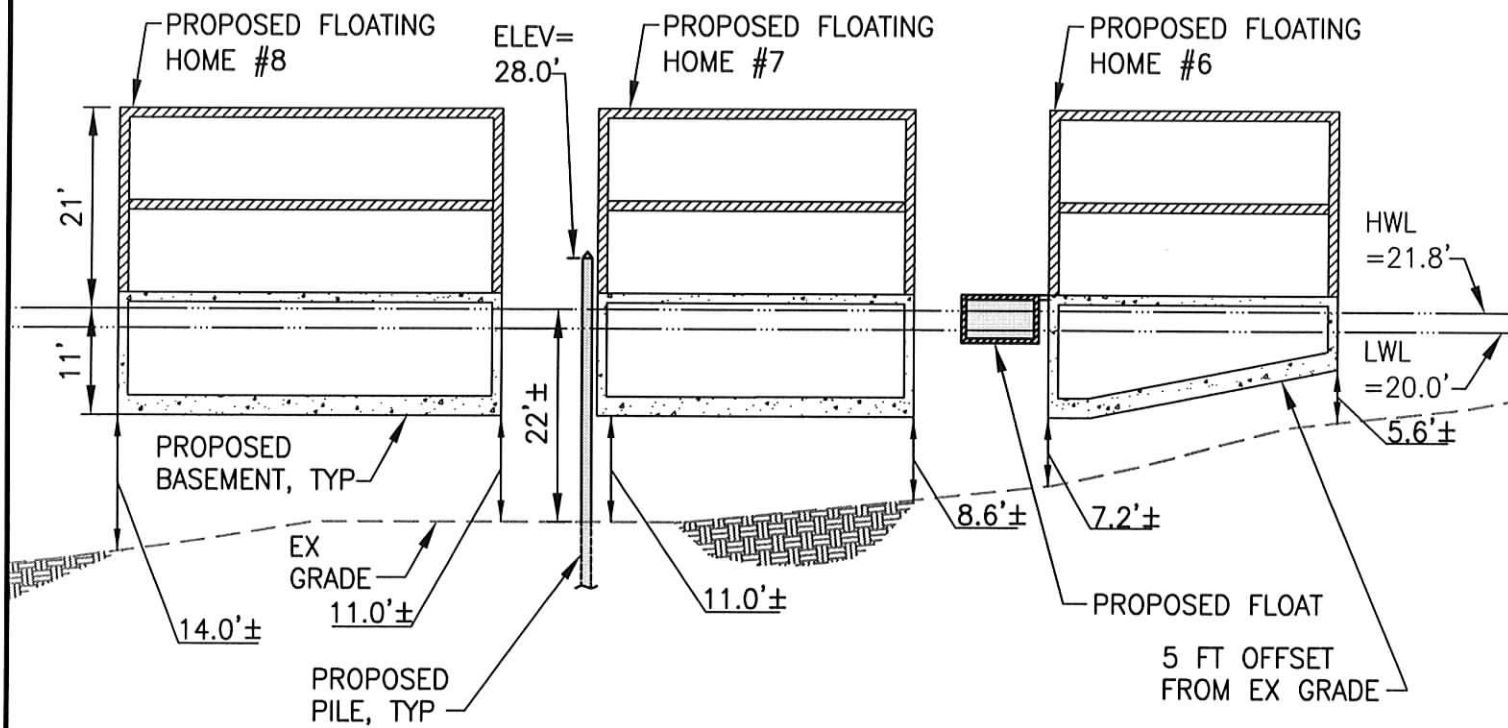


SECTION E-E

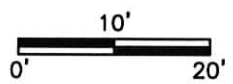


200501127

PROPOSED WATERFRONT
IMPROVEMENTS
IN: LAKE UNION
AT: SEATTLE
COUNTY: KING
STATE: WASHINGTON
APPL. BY: WARDS COVE PACKING CO.
SHEET: 13 OF 21 DATE: 10/28/2005
REV: 11/14/2005

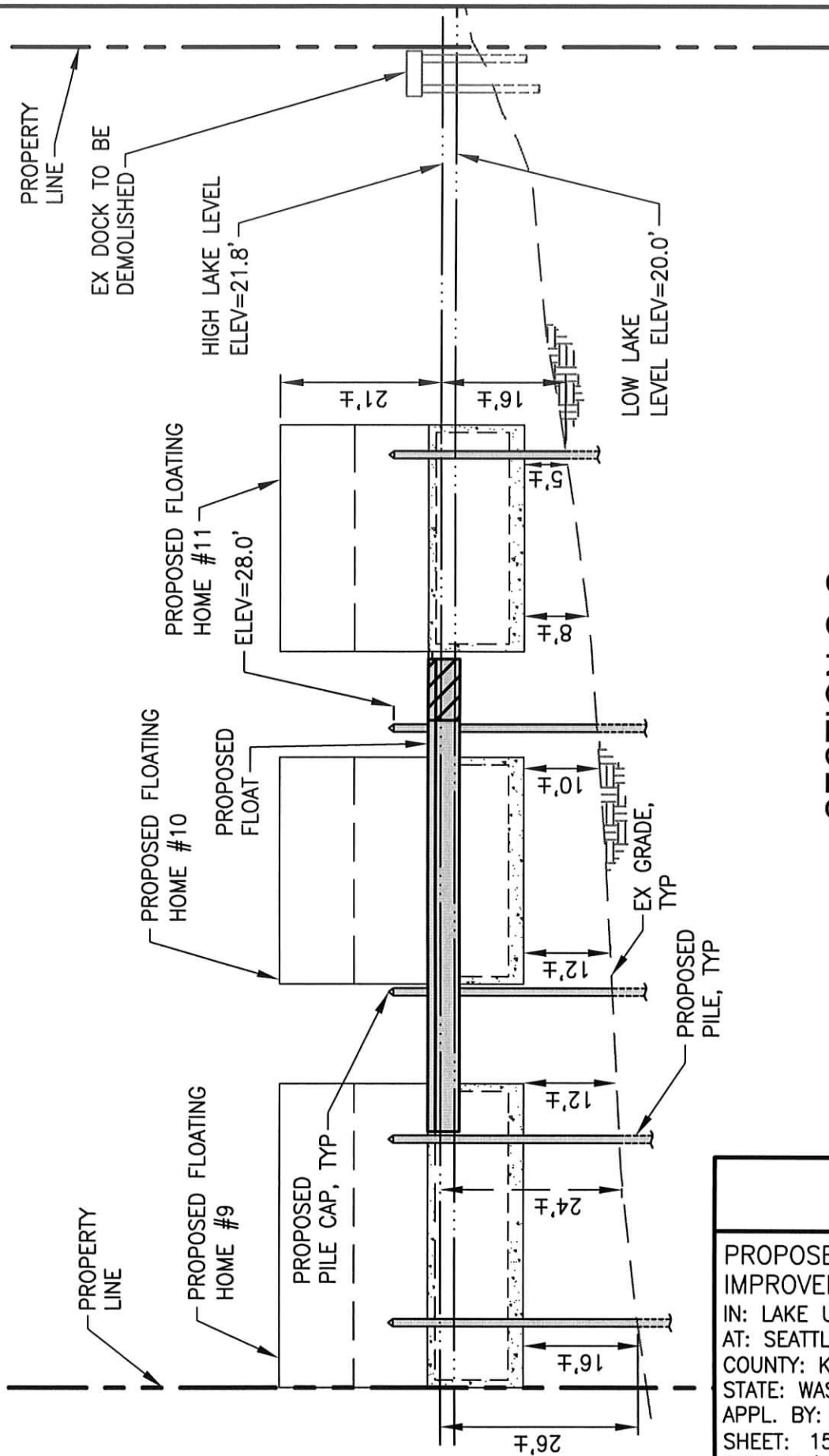


SECTION F-F



200501127

PROPOSED WATERFRONT
IMPROVEMENTS
IN: LAKE UNION
AT: SEATTLE
COUNTY: KING
STATE: WASHINGTON
APPL. BY: WARDS COVE PACKING CO.
SHEET: 14 OF 21 DATE: 10/28/2005
REV: 11/14/2005

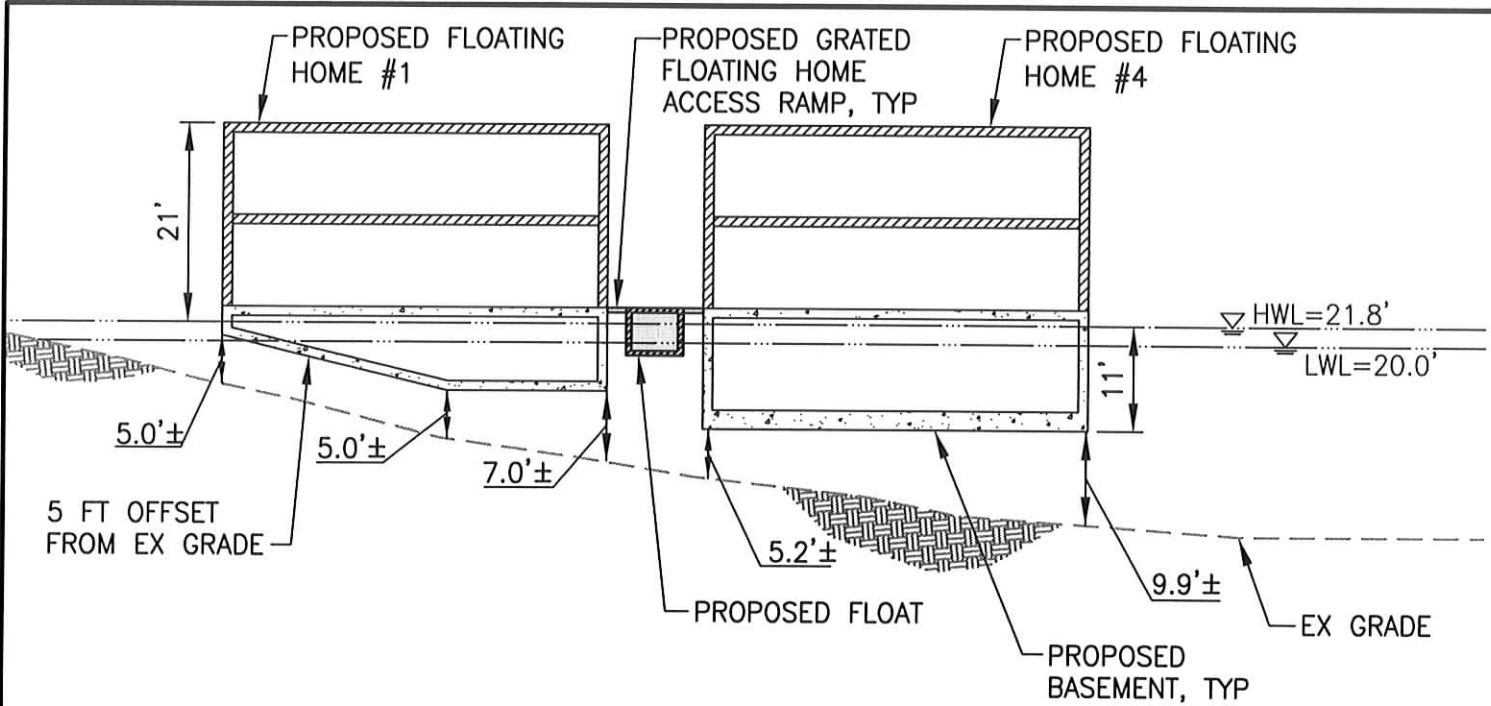


SECTION G-G

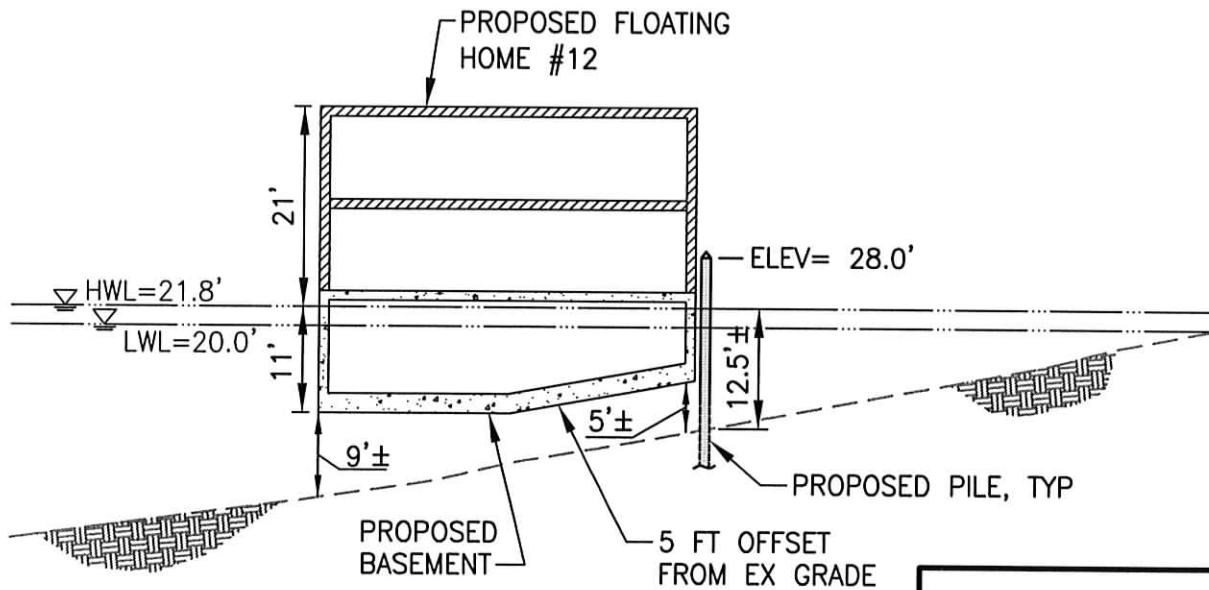
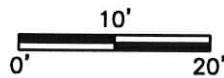


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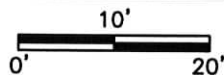
PROPOSED WATERFRONT
IMPROVEMENTS
IN: LAKE UNION
AT: SEATTLE
COUNTY: KING
STATE: WASHINGTON
APPL. BY: WARDS COVE PACKING CO.
SHEET: 15 OF 21 DATE: 10/28/2005
REV: 11/14/2005



SECTION H-H



SECTION I-I



200501127

PROPOSED WATERFRONT
IMPROVEMENTS
IN: LAKE UNION
AT: SEATTLE
COUNTY: KING
STATE: WASHINGTON
APPL. BY: WARDS COVE PACKING CO.
SHEET: 16 OF 21 DATE: 10/28/2005
REV: 11/14/2005

THIS SHEET IS BASED ON A
DRAWING PREPARED BY
BIOAQUATICS INTERNATIONAL &
BRUMBAUGH & ASSOCIATES

FLOATING HOME,
TYP (SEE SHT 7
FOR DETAILS)

PROPOSED 3'x3'x3' GRANITE
BOULDERS AT BASE OF EX
TREES FOR SLOPE STABILITY
(SEE SHT 15 FOR DETAILS)

PROPOSED SHORELINE REGRADING, TYP
(APPROX 400± CY CUT ABOVE OHWM)

LOW LAKE
LEVEL =
ELEV 20.00'

PROPOSED 3'x3'x3' GRANITE
BOULDERS AT BASE OF EX
TREES FOR SLOPE STABILITY
(SEE SHT 18 FOR DETAILS)

OHWM = ELEV
21.8'

PROPOSED
ROCKERY

PROPOSED
GRAVEL PATH

SEE SHEET 19 FOR
SECTION J-J

EX TREES TO
REMAIN, TYP

"FISH MIX" & SHORELINE IMPROVEMENTS PLAN

PROPOSED 6"-12" THICK LAYER OF
"FISH MIX" GRAVEL BETWEEN OLV AND
OHWM (APPROX AREA = 4,232± SF. SEE
SHEET 18 FOR TYPICAL CROSS-SECTION)

LEGEND



PROPOSED "FISH MIX" GRAVEL



PROPOSED BOULDERS FOR
SLOPE STABILITY (9 TOTAL)



EXISTING TREES TO REMAIN

QUANTITIES

APPROX "FISH MIX" GRAVEL
AND BOULDER VOLUME
BETWEEN OLV AND OHWM: 150± CY

APPROX VOLUME OF
MATERIAL REMOVED FOR
SHORELINE REGRADING
ABOVE OHWM: 400± CY

200501127

PROPOSED WATERFRONT
IMPROVEMENTS
IN: LAKE UNION

AT: SEATTLE

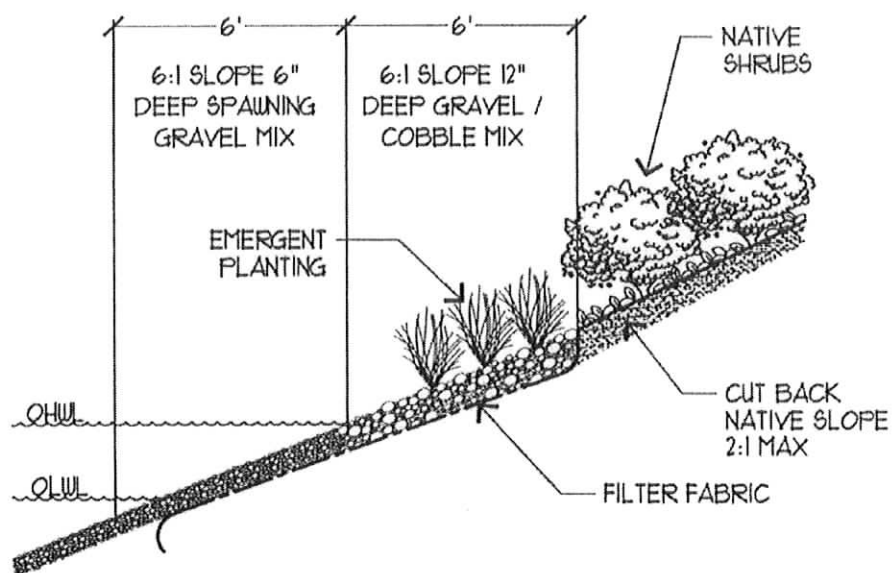
COUNTY: KING

STATE: WASHINGTON

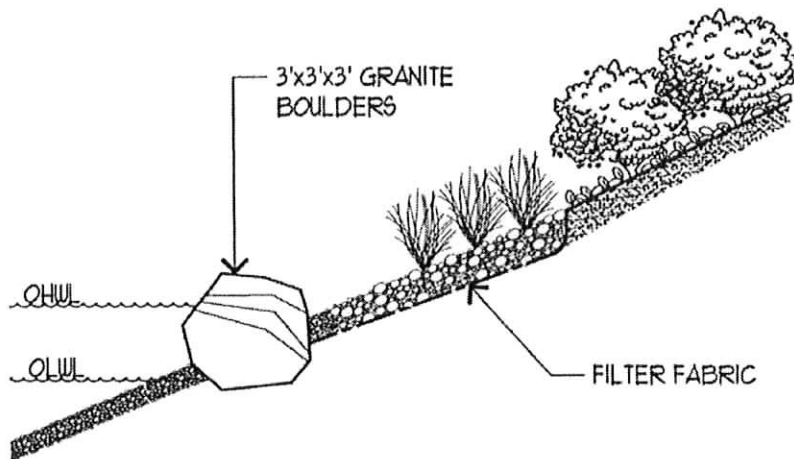
APPL. BY: WARDS COVE PACKING CO.

SHEET: 17 OF 21 DATE: 9/19/2005

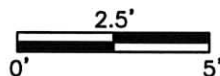
REV: 11/14/2005



1 TYPICAL SHORELINE CROSS SECTION

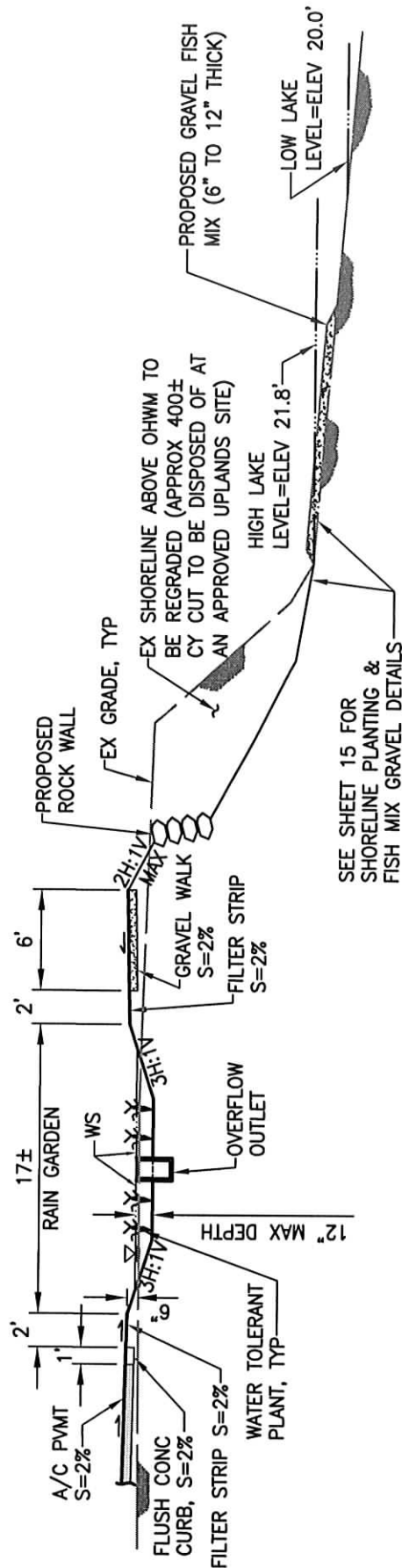


2 TYPICAL SHORELINE WITH BOULDERS CROSS SECTION



200501127

PROPOSED WATERFRONT
IMPROVEMENTS
IN: LAKE UNION
AT: SEATTLE
COUNTY: KING
STATE: WASHINGTON
APPL. BY: WARDS COVE PACKING CO.
SHEET: 18 OF 21 DATE: 9/19/2005
REV: 11/14/2005



SEE SHEET 15 FOR
SHORELINE PLANTING &
FISH MIX GRAVEL DETAILS

SECTION J-J



200501127

PROPOSED WATERFRONT
IMPROVEMENTS
IN: LAKE UNION

AT: SEATTLE

COUNTY: KING

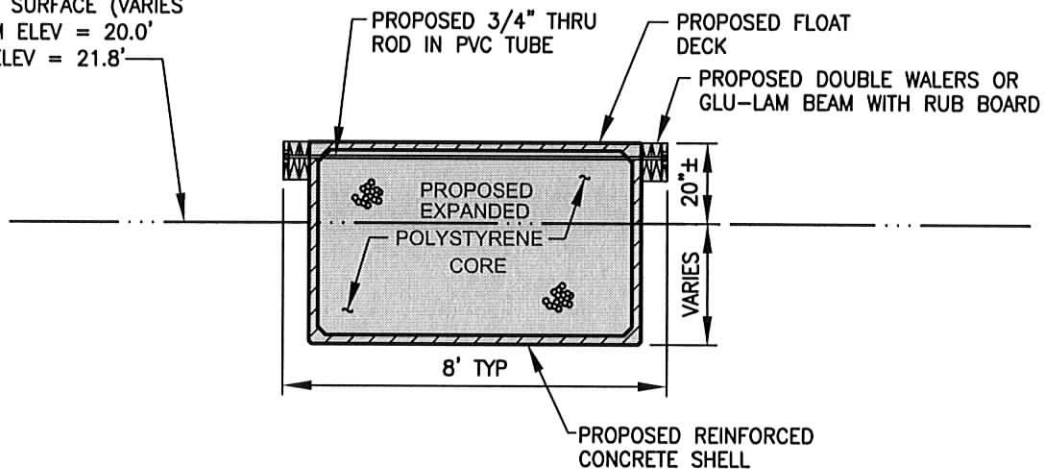
STATE: WASHINGTON

APPL. BY: WARDS COVE PACKING CO.

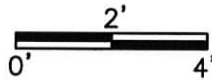
SHEET: 19 OF 21 DATE: 9/19/2005

REV: 11/14/2005

LAKE SURFACE (VARIES
FROM ELEV = 20.0'
TO ELEV = 21.8')

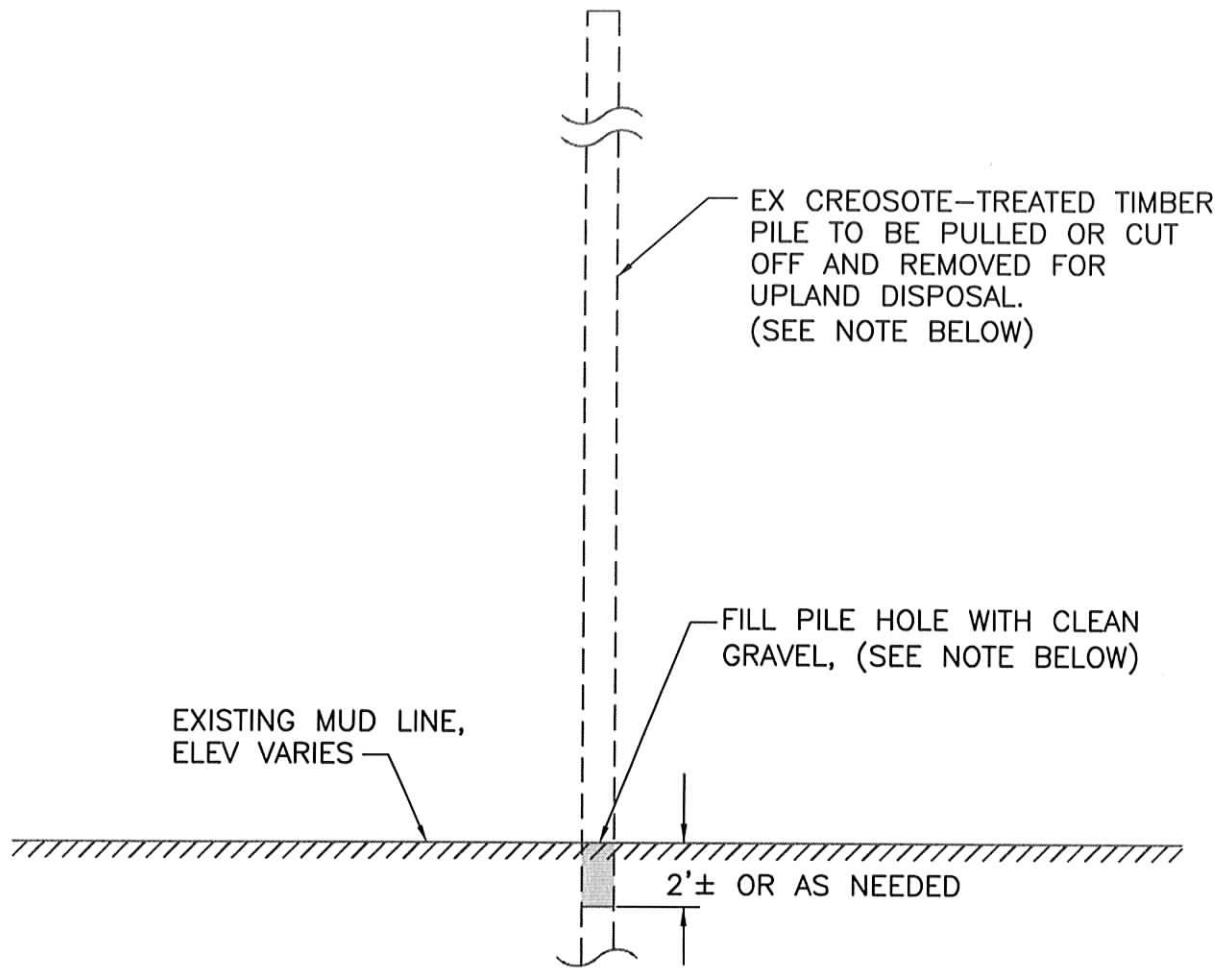


**TYPICAL FLOAT
CROSS SECTION (K-K)**



200501127

PROPOSED WATERFRONT
IMPROVEMENTS
IN: LAKE UNION
AT: SEATTLE
COUNTY: KING
STATE: WASHINGTON
APPL. BY: WARDS COVE PACKING CO.
SHEET: 20 OF 21 DATE: 9/19/2005
REV: 11/14/2005



TYPICAL PILE REMOVAL DETAIL

NOT TO SCALE

NOTE: EXISTING TIMBER PILES SHALL BE FULLY EXTRACTED BY DIRECT PULLING WITH A CRANE BARGE OR VIBRATORY HAMMER. HYDRAULIC WATER JETTING WILL NOT BE ALLOWED. REMAINING PILE HOLES SHALL BE FILLED WITH CLEAN SAND. IF AN EXISTING PILE CAN NOT BE EXTRACTED, THE PILE SHALL BE CUT 2-FOOT BELOW THE MUDLINE AND CAPPED WITH CLEAN SAND OR COVERED WITH A PLASTIC OR STEEL CAP TO INSURE THAT CHEMICALS FROM THE EXISTING PILE DO NOT LEACH INTO THE ADJACENT SEDIMENTS. EXTRACTED PILES WILL BE CUT INTO FOUR (4) FOOT LENGTHS PRIOR TO DISPOSAL.

200501127

PROPOSED WATERFRONT
IMPROVEMENTS
IN: LAKE UNION
AT: SEATTLE
COUNTY: KING
STATE: WASHINGTON
APPL. BY: WARDS COVE PACKING CO.
SHEET: 21 OF 21 DATE: 9/19/2005
REV: 11/14/2005



STATE OF WASHINGTON
DEPARTMENT OF ECOLOGY

*P.O. Box 47600 • Olympia, Washington 98504-7600
(360) 407-6000 • TDD Only (Hearing Impaired) (360) 407-6006*

STATE OF WASHINGTON
DEPARTMENT OF ECOLOGY

Notice of Application for
Water Quality Certification
and for
Certification of Consistency with the
Washington Coastal Zone Management Program

Date: January 03, 2006

Notice is hereby given that a request has been filed with the Department of Ecology, pursuant to the requirements of Section 401 of the federal Clean Water Act of 1977 (PL 95-217), to certify that the project described in the U.S. Army Corps of Engineers Public Notice No. 200501127 will comply with the Sections 301, 302, 303, 306, and 307 of the Act, and with applicable provisions of State and Federal water pollution control laws.

Notice is hereby given that a request has been filed with the Department of Ecology, pursuant to the requirements of Section 307© of the Federal Coastal Zone Management Act of 1972 (16 U.S.C. 1451), to certify that the above referenced project will comply with the Washington State Coastal Zone Management Program and that the project will be conducted in a manner consistent with that program.

Any person desiring to present views on the project pertaining to the project on either or both (1) compliance with water pollution control laws or (2) the project's compliance or consistency with the Washington State Coastal Zone Management Program may do so by providing written comments within 30 days of the above publication date to:

Federal Permit Coordinator
Department of Ecology
SEA Program
Post Office Box 47600
Olympia, Washington 98504-7600